

IN THE CLAIMS:

Please cancel claim 16 and amend claims 1, 13 and 15 as follows:

1. (Twice Amended) A wavelength stabilized laser module comprising:

 a semiconductor laser;

 a temperature calibrating unit to calibrate a temperature of said semiconductor laser;

 a converting unit to convert light emitted from said semiconductor laser to a single beam of parallel luminous flux;

 a first photoelectric converting unit to receive a first part of said beam and to convert it to an electric signal;

 a filter to receive a second part of said beam and to continuously change its transmittance depending on wavelengths of said beam;

 a second photoelectric converting unit to receive light transmitted through said filter and to convert it to an electric signal; [and]

 wherein a control signal, to be used for stabilization, obtained by computations of said electric signals fed from said first photoelectric converting unit and said second photoelectric converting unit, is fed back to said semiconductor laser and/or said temperature calibrating unit so that said semiconductor laser is able to stably emit laser light having a reference wavelength to be used as a target for stabilization of wavelengths; and

wherein said first and second photoelectric converting units are placed in parallel on a holding substrate and are both positioned in a tilt manner relative to an optical axis of incident light.

13. (Once amended) [The] A wavelength stabilized laser module [according to Claim 1],

comprising:

a semiconductor laser;

a temperature calibrating unit to calibrate a temperature of said semiconductor laser;

a converting unit to convert light emitted from said semiconductor laser to a single beam of parallel luminous flux;

a first photoelectric converting unit to receive a first part of said beam and to convert it to an electric signal;

a filter to receive a second part of said beam and to continuously change its transmittance depending on wavelengths of said beam;

a second photoelectric converting unit to receive light transmitted through said filter and to convert it to an electric signal;

wherein a control signal, to be used for stabilization, obtained by computations of said electric signals fed from said first photoelectric converting unit and said second photoelectric converting unit, is fed back to said semiconductor laser and/or said temperature calibrating unit so that said semiconductor laser is able to stably emit laser light having a reference wavelength to be used as a target for stabilization of wavelengths; and

wherein said filter is fixed to said second photoelectric converting unit.

15. (Once Amended) The wavelength stabilized laser module according to Claim 1,
wherein said first photoelectric converting unit and said second photoelectric
converting unit [are placed in parallel on a holding substrate and] make up an
array-shaped optical detector.